

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S41	2	10/504779.app.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:02
S42	2	("6150948"   "6703920").PN. OR ("7209014").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:02
S43	76	("4240064"   "4847485"   "5682032"   "6040773").PN. OR ("6150948").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:06
S44	1	"10565732"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S45	11	("20050156752"   "5287112"   "5319569"   "5489908"   "5491715"   "5790946"   "6317027"   "6353406"   "6593845"   "6894572"   "7209014"). PN.	US-PGPUB; USPAT	OR	ON	2011/04/04 09:16
S46	2	("6150948"   "6703920").PN. OR ("7209014").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S47	59	("3713148"   "4201960"   "4356477"   "4480178"   "5025492"   "5053774"   "5270717"   "5347280"   "5353011"   "5374930"   "5396251"   "5491484"   "5491715"   "5541604"   "5568512"   "5583819"   "5815355"   "5856809"). PN. OR ("6317027").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S48	125	("4333072"   "5041826"   "5053774"   "5430447"   "5438335").PN. OR ("5489908").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S49	10	arisawa.in. and (data adj carrier)	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S50	339	(frequency with chang\$4) with detect \$4 same (interrogator or reader)	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S51	211	(frequency with chang\$4) with detect \$4 with (interrogator or reader)	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S52	1	(frequency with chang\$4) with detect \$4 same (interrogator or reader) with (wak\$3 adj up or wakeup)	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S53	1	(frequency with chang\$4) with detect \$4 same (interrogator or reader) with (search\$4 or query or discover)	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S54	20	(frequency with chang\$4) with detect \$4 same (search\$4 or query or discover \$3) adj (mode or state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16

S55	87	(multi adj (protocol or frequency) with (tag or transponder)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S56	1131	(interrogator or reader) with (wak\$3 adj up or wakeup)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S57	92	((interrogator or reader) with (wak\$3 adj up or wakeup)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S58	21	("3976974"   "4645914"   "4730188"   "4783823"   "4837822"   "5099113"   "5198643"   "5305459"   "5437174"   "5473236"   "5796827"   "5902998"   "5977878"   "6011320"   "6084524"   "6178259").PN. OR ("6535136").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S59	2	11/370482.app.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S60	7	("6202927"   "6476708"   "6535136"   "6905074").PN. OR ("7245222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S61	6	("5352877").PN. OR ("6905074"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S62	5	("6202927"   "6476708"   "6535136"   "6905074"   "7016647").PN. OR ("7598872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/04 09:16
S65	0	(mutual adj induction) and (de\$1tun\$3 near5 (antenna or coil)) same (chang \$4 with frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S66	210	(de\$1tun\$3 near5 (antenna or coil)) same (chang\$4 with frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S67	105	S66 and (RFID or tag or transponder or contactless or data adj carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S68	3	"6703920".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S69	103	(measur\$3 or monitor\$3) with frequency near2 coil same switch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16

S70	281	(measur\$3 or monitor\$3) near5 frequency with coil same switch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S71	52	(measur\$3 or monitor\$3) near5 frequency with coil same switch\$3 and proximity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S72	6993	340/10.1-10.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S73	1457	455/41.1,106.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S74	8290	S72 or S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S75	718	S74 and proximity with (sens\$3 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S76	49	S74 and (measur\$3 or monitor\$3) near5 (frequency or voltage or impedance or resistance) with coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S77	507	S75 and ((radio or RF\$2) near2 tag or transponder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S78	40	S75 and ((radio or RF\$2) near2 tag or transponder or reader or interrogator) and NFC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/04 09:16
S79	7059	340/10.1-10.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 15:44
S80	1474	455/41.1,106.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 15:44

S81	8370	S79 or S80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 15:44
S82	725	S81 and proximity with (sens\$3 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 15:44
S85	609	S79 and (measur\$3 or monitor\$3) near5 (frequency or impedance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 15:49
S86	1357	340/539.23,686.6,658,13.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 15:51
S87	410	S86 and proximity with (sens\$3 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 15:52
S89	44	S87 and (measur\$3 or monitor\$3) near5 (frequency or impedance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 15:54
S90	11	("4219740"   "4613830"   "5337353"   "5418860"   "5760688").PN. OR ("6545612").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:02
S91	1	"6507189".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:07
S92	45	("2531807"   "3205323"   "3502966"   "3643155"   "3743853"   "3956693"   "4117401"   "4140971"   "4387339"   "4553040"   "4556859"   "4587486"   "4618823"   "4652820"   "4719362"   "4853575"   "4857841"   "4868498"   "4879531"   "4924180"   "4994738"   "5012206"   "5014006"   "5229715"   "5278496"   "5336997"   "5351004"   "5507089"   "5712621"   "5767672"   "5801340"   "5801530"   "6002251"   "RE30012").PN. OR ("6507189").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:08
S93	28	("2983852"   "3469204"   "3601620"   "3601691"   "3732503"   "3743853"   "3747010"   "3764819"   "3872398"   "4323847"   "4419646").PN. OR ("4553040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:17
S94	23	("4879531").PN. OR ("5012206").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:21

S95	160	S86 and (measur\$3 or monitor\$3) near5 (frequency or impedance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:27
S96	82	S92 S93 S94	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:27
S98	105	S95 and communicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:28
S100	6	("5352877").PN. OR ("6905074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:44
S101	5	("6202927"   "6476708"   "6535136"   "6905074"   "7016647").PN. OR ("7598872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:46
S102	28	("4870419"   "4899036"   "5164732"   "5235326").PN. OR ("5352877").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:51
S103	7	("6202927"   "6476708"   "6535136"   "6905074").PN. OR ("7245222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:58
S104	18	("20040134994"   "20040256460"   "20050237198"   "20060241396"   "20070008140"   "20070164122"   "20090061768"   "6150948"   "6834251"   "6889905"   "6952167"   "7245222"   "7280045"   "7290715"   "7290718"   "7432809"   "7541930"   "7555616").PN. OR ("7652578").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 16:59
S105	4009	340/10.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 13:59
S106	119	S105 and (frequency or impedance or capacitance) with (chang\$4 or monitor \$4) same coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/17 14:01
S107	1813	(frequency or impedance or capacitance) with (chang\$4 or monitor \$4) same coil and proximity with (sens \$3 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 12:55
S108	484	(frequency or impedance or capacitance) with (chang\$4 or monitor \$4) same coil same proximity with (sens \$3 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 12:56
S109	5902	("near" adj field) near2 communicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 13:01

S110	8	S108 and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 13:01
S111	18	("20040134994"   "20040256460"   "20050237198"   "20060241396"   "20070008140"   "20070164122"   "20090061768"   "6150948"   "6834251"   "6889905"   "6952167"   "7245222"   "7280045"   "7290715"   "7290718"   "7432809"   "7541930"   "7555616").PN. OR ("7652578").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 13:06
S112	78	("4240064"   "4847485"   "5682032"   "6040773").PN. OR ("6150948").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 13:15
S113	6	("5352877").PN. OR ("6905074"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 14:33
S114	18	("20050083180"   "20050258940"   "3859624"   "4471343"   "4525686"   "4730188"   "4752776"   "5347263"   "5523746"   "5541574"   "5973611"   "6340932"   "6476708"   "6650227"   "6905074"   "7180403"   "7245222"   "7439862").PN. OR ("7782209").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 14:37
S116	294	(frequency or impedance) near8 (chang \$4 or monitor\$4) with coil same proximity with (sens\$3 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 14:42
S117	18	(RFID or RF near2 tag or transponder or NFC or "near" adj field) and S116	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 14:44
S118	1	11/015518.app.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/20 08:37
S119	85	("20010029430"   "20020053909"   "20020058517"   "20030003864"   "20030044033"   "20030048920"   "20030059076"   "20030076974"   "20030152243"   "20030223592"   "20040100358"   "20040214598"   "20040240692"   "20040258261"   "20050006466"   "20050111680"   "20050111681"   "20050111682"   "20050113060"   "20050113060"   "20050125570"   "20050134213"   "20050135644"   "20050209657"   "20050244022"   "20050244022"   "20060009156"   "20060013420"   "20060025172"   "20060025172"   "20060050906"   "20060269088"   "20070052595"   "20070063895"   "20070230728"   "20070285248"   "20080113694"   "20090227288"   "3601550"   "4596899"   "5568516"	US-PGPUB; USPAT	OR	ON	2011/05/20 08:38

		"5740257"   "5774791"   "5787154"   "5835610"   "5861822"   "6075491"   "6092422"   "6104913"   "6154422"   "6307945"   "6381308"   "6587568"   "6636146"   "6690169"   "6694034"   "6763116"   "6801044"   "6813481"   "6879695"   "6931140"   "6951305"   "6951305"   "6958684"   "7010132"   "7034660"   "7058191"   "7099486"   "7106870"   "7127078"   "7167571"   "7171167"   "7177436"   "7206426"   "7224815"   "7242777"   "7245730"   "7256695"   "7260234"   "7274292"   "7274292"   "7319396"   "7336796"   "7356153"   "7366466"   "7426279"   "7512383"   "7515881"   "7522740"   "7551942").PN.				
S120	112	(sweep\$4 with frequency) same coil and (sens\$4 or detect\$4) with proximity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/20 11:09
S121	36	(voltage and impedance) with (alter\$4 or chang\$4) same coil same (sens\$4 or detect\$4) with proximity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/20 11:16

**EAST Search History (Interference)**

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